



PROJECT NUMBER

323666.03.17.07

BORING ID:

17C100

Sheet 1 of 2

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION:

ELEVATION: 151.13

NORTHING: 2162384.10

EASTING: 6743867.94

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Power Probe 9630 Direct Push

WATER LEVELS: 10.0 ft bgs

START: 8/18/2005 7:30:00 AM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)				STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:		COMMENTS:	
	INTERVAL (ft)	RECOVERY	TYPE-# <small>SS=Spill Spoon ST=Shelby Tube</small>		6-6-6 (in) (N)	SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.		DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
0	0-5.5	1.7/ 4.0'			ML - SILT (ML), brown (7.5YR 4/2), slightly moist, firm, - slightly sticky when wet, non-plastic, 25% fine sand			
1					-			
2					-			
3					-			
4		0.5/ 4.0'			-			
5					-			
6	5.5-9				ML - SILT WITH SAND (ML), dark brown (7.5YR 3/2), slightly - moist, soft, friable, non-plastic, 5-10% very fine sand			
7					-			
8		2.0/ 4.0'			-			
9	9-10				SM - SILTY SAND WITH GRAVEL (SM), brown, wet, slightly sticky, - loose		PID = 0.0 (borehole and soil)	
10	10-14				SW - WELL GRADED SAND WITH GRAVEL (SW), gray (7.5YR 5/1), - saturated, loose to medium, ~20% fine gravel, 5% fines			
11					-			
12		2.5/ 4.0'			-			
13					-			
14	14-16				SM - SILTY SAND (SM), brown (7.5YR 5/1), moist to wet, dense, - ~20% fines			
15					-			
16	16-18	3.2/ 4.0'			SM - SILTY GRAVEL WITH SAND (SM), brown, moist to wet, dense, - ~45% fine to medium gravel, ~15% sand, ~40% fines		PID = 0.0 (borehole and soil)	
17					-			
18	18-20				MH - ELASTIC SILT (MH), reddish yellow (7.5YR 6/8), wet, soft, - highly plastic, some sand strangers		8:15 Collect 17C100HP15 from 12-15 ft. Dry 16-20 ft.	
19					-			
20	20-23	3.0/ 4.0'			SW - WELL GRADED SAND (SW), brown (7.5YR 5/2), saturated, loose - to medium, some silty zones, predominantly coarse sand, - ~15% gravel at base			
21					-			
22					-			



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INTERVAL (ft)					SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
RECOVERY		TYPE-# <small>SS=Split Spoon ST=Shelby Tube</small>		6-6-6 (in) (N)		
23	23-25				ML - SILT (ML), yellowish red (5YR 5/6), wet, soft, slightly - plastic	PID = 0.0
24		1.0/ 2.0'			-	
25	25-27				SW - WELL-GRADED SAND WITH SILT (SW), brown (7.5YR 5/3), wet, - medium to dense, ~15% fines?	9:20 Collect 17C100HP30 at 21.5-29.5 ft
26		2.2/ 2.5'			-	
27	27-29.5				GM - SILTY SAND AND SILTY GRAVEL (GM), brown and greenish gray, - moist, dense, ~35-40% gravel, ~35-45% sand, ~20-25% fines	
28		0.5/ 1.0'			-	
29					-	
30					GM - Refusal at 29.5 ft bgs - -	